

Air Force Civil Engineer Center



Review of PFOA/PFOS Sampling, Results and Preliminary Mitigation Plans

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Overview



- **Where AF has sampled and results up to now**
- **Where we are now sampling**
 - No results are available
- **Potential Mitigation Measures**
 - What needs to happen prior to mitigation starting
 - What mitigation measures is the AF considering
 - How we are going to Document it



Preliminary Assessment Site Investigation



- Five areas were investigated based on results of Preliminary Assessment (see red outlines)

- SI looked at each of these five locations in detail

 - Soil sampling

 - Groundwater sampling

- In the of former fire training area significant HA exceedance found (orange filled box)



46 residential wells sampled
21 above HA

Current Sampling Area

Previously Sampled Area

Current Sampling Area

Fairchild Air Force Base

Previously Sampled Area

4 residential wells sampled
0 above HA

53 residential wells sampled
21 above HA
4 Municipal wells sampled
2 above HA

- **Area in blue is where sampling has taken place and we have reported results**

- **103 residential wells sampled**
- **42 residential wells above HA**
- **4 Municipal sampled**
- **2 Municipal wells above HA**
- **Individual well results in these areas have been shared with the affected resident**



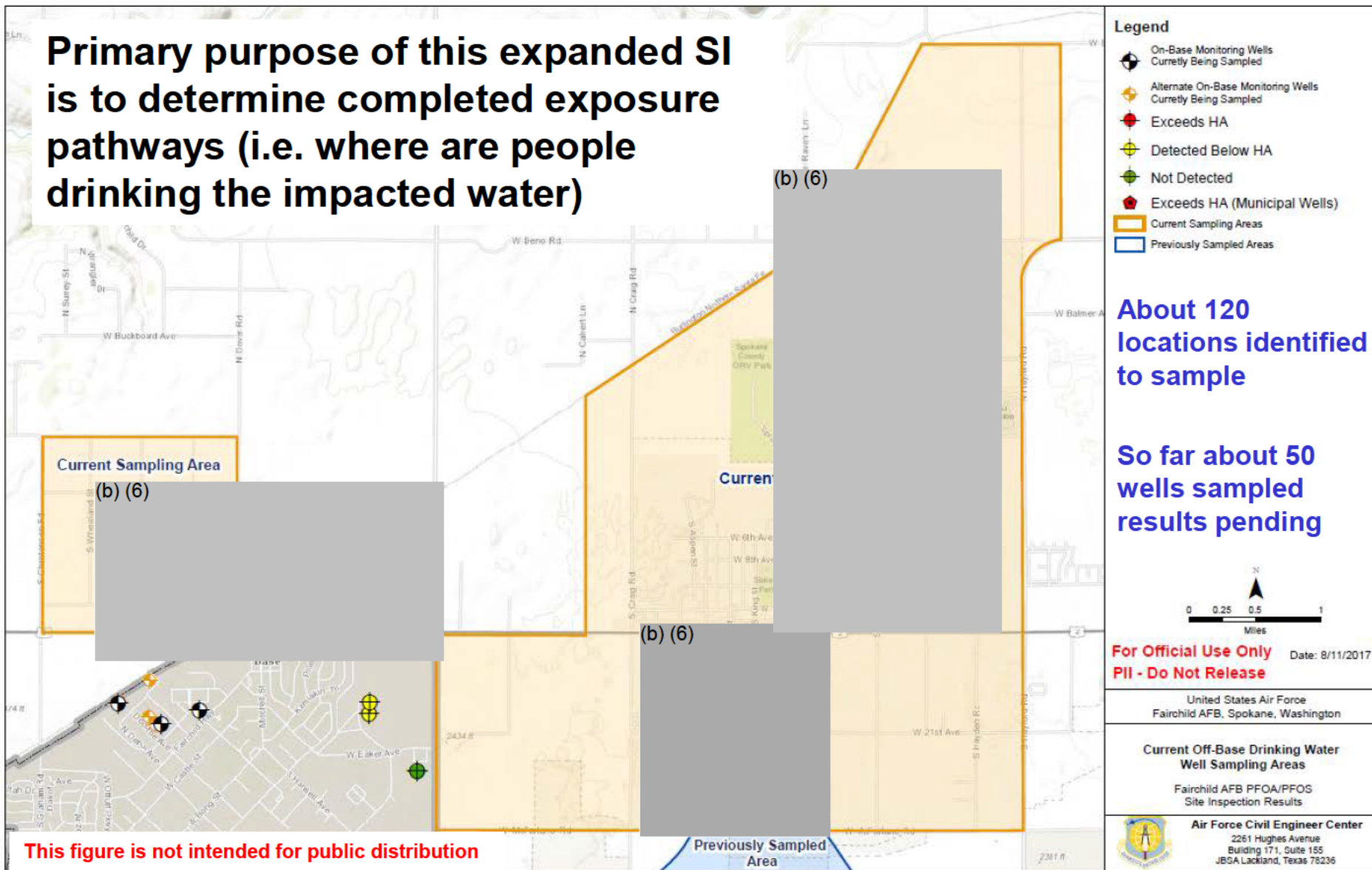
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Area of Current Sampling



Primary purpose of this expanded SI is to determine completed exposure pathways (i.e. where are people drinking the impacted water)





Mitigation Measures



- **Air Force will do a Right of Entry with each resident that needs mitigation (Sept – Oct)**
- **Mitigation actions**
 - **Residents (Air Force has not made final decision)**
 - Hook residents up to Airway Heights water system
 - Provide in home treatment system (ion exchange or granular activated carbon)
 - **City of Airway Heights treatment system**
 - Air Force is currently working out a Memorandum of Understanding with the City for mitigation (more to come when that is finalized)
 - **Mitigation will be formalized with “Time Critical Removal Action” document (will follow CERCLA)**
 - Regulatory review expected to start about 30 Sept 17



Questions?